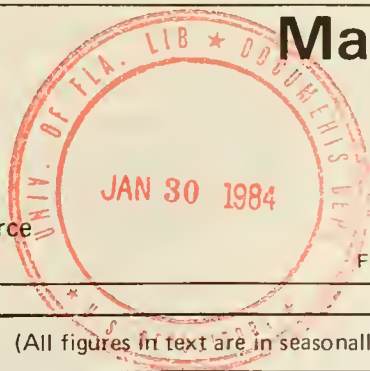




U.S. Department of Commerce
BUREAU OF THE CENSUS



Manufacturers' Shipments, Inventories, and Orders

SEPTEMBER 1983

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FOR WIRE TRANSMISSION 3:00 P.M. E.S.T. Wednesday, November 2, 1983

(All figures in text are in seasonally adjusted current dollars)

Summary. New orders for manufactured goods in September increased \$2.7 billion or 1.5 percent from August to \$181.0 billion. The value of manufacturers' shipments increased \$2.9 billion or 1.6 percent to \$178.9 billion. Manufacturers' unfilled orders at the end of September were estimated at \$322.8 billion, up \$2.1 billion or 0.7 percent from August; the book value of manufacturers' inventories at the end of September was \$260.9 billion, up \$1.1 billion or 0.4 percent from August.

New Orders. The increase of 1.5 percent in new orders in September was the eighth in the last 10 months, since the recession low of \$152.4 billion was reached last October. So far this year new orders increased during the first quarter an average of 1.2 percent per month, and during the second quarter an average of 3.2 percent per month; in the third quarter the average rate of increase was only 0.5 percent per month.

About two thirds of the \$2.7 billion increase in new orders in September came from the nondurable goods sector, where for most industries new orders are equated to shipments for the month. The increase in orders for durable goods of \$1.0 billion or 1.1 percent reversed the earlier reported 0.5 percent decline. The revisions were due to more complete reporting in the machinery and transportation equipment industries.

Most of the durable goods industries showed increases in new orders in September, but the increases were partially offset by a large decline in new orders for transportation equipment. In that industry, new orders for motor vehicles and parts declined 14.0 percent. The largest increase in new orders occurred in the nonelectrical machinery category where an increase of \$1.8 billion or 11.7 percent was recorded. The value of new orders for nonelectrical machinery in September was \$17.2 billion, 44 percent above last December for an average increase of nearly 5.0 percent per month this year.

Within the capital goods sector, new orders for nondefense capital goods increased \$2.2 billion or 9.5 percent to \$25.2 billion. The office and computing equipment and communication equipment industries showed the largest gains. New orders for defense capital goods increased in September by \$0.3 billion or 6.0 percent to \$4.8 billion.

Shipments. The increase in shipments of manufactured goods in September of \$2.9 billion or 1.6 percent reflected increases of about the same size in both the durable and nondurable goods sectors. An increase in durable goods shipments of \$1.3 billion or 1.5 percent resulted from increases in all industries except motor vehicles and parts. That industry showed a large decline

of \$1.2 billion or 8.4 percent.

Increases in shipments by the nondurable goods industries were similarly widespread. The largest came in the food products category, up \$0.7 billion or 2.9 percent to \$24.8 billion; in chemicals, up \$0.5 billion or 3.2 percent to \$16.7 billion; and in tobacco products, up \$0.4 billion or 27 percent to \$1.8 billion.

Unfilled Orders. The backlog of orders held by manufacturers at the end of September was estimated at \$322.8 billion, up \$2.1 billion or 0.7 percent from August. Although the unfilled orders level has been generally increasing since last November, the rate of increase has been declining since June. The June increase was 1.5 percent, July was 0.9 percent, August was 0.7 percent.

Most of the major industries showed increases in unfilled orders at the end of September. Primary metals backlog was up \$0.9 billion or 3.5 percent to \$25.6 billion; the nonelectrical machinery backlog was up \$1.5 billion or 2.7 percent to \$56.6 billion; and the electrical machinery backlog was up \$0.6 billion or 1.0 percent to \$66.8 billion.

The backlog of orders for transportation equipment declined \$1.3 billion or 1.0 percent to \$126.7 billion with the shipbuilding, aircraft and parts and motor vehicles and parts all showing decreases.

Inventories. The increase in the value of manufacturers' inventories in September of \$1.1 billion or 0.4 percent to \$260.9 billion was the fourth increase in the last five months. Prior to that, inventories had declined from \$284.3 billion in November 1981 to \$257.4 billion in April, 1983. Nondurable goods industries showed an increase in inventories in September of \$0.4 billion or 0.5 percent to \$89.7 billion, while the durable goods industries increased \$0.7 billion or 0.4 percent to \$171.3 billion.

Inventories of materials and supplies increased for the second month in a row, following a nearly two year downward trend. September materials and supplies increased 0.7 percent while the August increase was 1.8 percent. Work in process inventories also increased in September, going up 0.8 percent from August. Finished goods inventories showed a slight decline in September of 0.2 percent. The inventory to shipments ratio in September was 1.46; down from 1.48 in August and 1.50 in July.

Scheduled Release Dates. The advance report on durable goods for October is scheduled for release on November 22, 1983, and the full report is scheduled for release on December 2, 1983.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Ruth Runyan or Kathleen Swindell-Menth, (301) 763-2502.

For sale by Customer Services (DUSD) Bureau of the Census, Washington, D.C. 20233, or any U.S. Department of Commerce district office. Postage stamps not acceptable; currency submitted at sender's risk. Remittances from foreign countries must be by international money order or by a draft on a U.S. bank. Price, \$1.50 per copy, \$18.00 per year.

Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS, MARKET CATEGORIES AND SUPPLEMENTARY SERIES

SIC Code	Industry	(Millions of dollars)							Not seasonally adjusted ¹					
		Seasonally adjusted												
		Monthly				Percent change			Monthly				Year to date	
		Sept. 1983 ^P	Aug. 1983 ^T	July 1983	June 1983	Aug. - Sept. ^P	July - Aug. ^T	June - July	Sept. 1983 ^P	Aug. 1983 ^T	July 1983	June 1983	1983 ^P	1982
	All manufacturing industries	178,887	175,989	172,598	173,920	+1.6	+2.0	-0.8	186,806	172,163	158,500	182,537	1,509,402	1,446,936
	Manufacturing industries with unfilled orders.....	91,581	89,531	88,331	88,931	+2.3	+1.4	-0.7	96,090	87,475	79,752	93,723	771,012	744,018
	Durable goods industries.....	89,206	87,918	85,646	86,582	+1.5	+2.7	-1.1	93,599	83,450	76,658	92,512	745,726	702,389
	With unfilled orders.....	72,815	70,421	69,953	70,447	+3.4	+0.7	-0.7	76,352	68,143	62,725	74,903	608,310	592,060
32	Stone, clay, and glass products.	4,339	4,241	3,987	4,150	+2.3	+6.4	-3.9	4,701	4,475	3,944	4,518	36,512	33,287
322	Glass containers.....	417	424	411	411	-1.7	+3.2	0.0	431	443	406	458	3,761	3,671
33	Primary metals.....	10,119	10,048	9,988	9,744	+0.7	+0.6	+2.5	10,392	9,581	8,904	10,201	84,459	84,275
331	Blast furnaces, steel mills...	4,094	4,115	3,964	3,937	-0.5	+3.8	+0.7	4,122	3,860	3,524	4,122	33,739	38,138
333-9	Nonferrous and other primary metals.....	4,931	4,833	4,973	4,793	+2.0	-2.8	+3.8	5,168	4,664	4,490	4,971	42,054	37,992
34	Fabricated metal products.....	10,879	10,328	10,008	10,055	+5.3	+3.2	-0.5	11,296	10,389	9,217	10,757	89,547	87,531
341	Metal cans, barrels, and drums	959	998	927	942	-3.9	+7.7	-1.6	1,087	1,163	1,003	1,043	8,742	9,002
35	Machinery, except electrical....	15,735	15,111	15,410	15,224	+4.1	-1.9	+1.2	16,337	14,224	13,851	16,519	130,307	138,305
351	Engines and turbines.....	1,074	982	1,042	1,034	+9.4	-5.8	+0.8	1,111	917	890	1,122	8,964	10,153
352	Farm machinery and equipment..	922	864	851	888	+6.7	+1.5	-4.2	937	780	719	975	8,136	9,082
353	Construction, mining, and material handling equipment..	2,591	2,236	2,583	2,529	+15.9	-13.4	+2.1	2,637	2,165	2,482	2,638	20,631	27,178
354	Metalworking machinery.....	755	712	645	579	+6.0	+10.4	+11.4	787	640	563	642	5,826	7,605
356	General industrial machinery..	1,250	1,364	1,261	1,196	-8.4	+8.2	+5.4	1,273	1,322	1,146	1,298	10,801	11,819
357	Office and computing machines.	4,022	3,833	4,012	4,160	+4.9	-4.5	-3.6	4,388	3,688	3,422	4,501	32,920	28,919
36	Electrical machinery.....	13,726	12,870	12,954	13,193	+6.7	-0.6	-1.8	14,502	12,481	11,553	13,989	113,898	105,725
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	2,004	1,883	1,704	1,777	+6.4	+10.5	-4.1	2,086	1,815	1,484	1,912	16,178	16,766
363	Household appliances.....	1,309	1,309	1,289	1,227	0.0	+1.6	+5.1	1,422	1,354	1,235	1,333	11,249	9,136
365	Radio and TV.....	726	675	812	734	+7.6	-16.9	+10.6	872	666	654	836	6,181	5,894
366	Communication equipment.....	4,246	3,734	4,058	4,292	+13.7	-8.0	-5.5	4,340	3,555	3,658	4,597	35,530	32,764
367	Electronic components.....	3,106	3,018	2,855	2,970	+2.9	+5.7	-3.9	3,268	2,919	2,581	3,050	25,715	23,656
37	Transportation equipment.....	20,705	21,917	19,810	20,631	-5.5	+10.6	-4.0	21,536	18,389	16,744	22,284	174,371	147,834
371	Motor vehicles and parts.....	13,442	14,672	12,710	12,847	-8.4	+15.4	-1.1	14,003	11,693	10,211	14,088	108,764	86,429
372,6	Aircraft, missiles, and parts.	5,726	5,857	5,612	6,285	-2.2	+4.4	-10.7	6,034	5,391	5,113	6,654	51,945	46,586
3731,95	Shipbuilding and military tank vehicles.....	868	762	811	824	+13.9	-6.0	-1.6	866	726	813	846	7,531	8,970
38	Instruments and related products	4,277	4,116	4,338	4,087	+3.9	-5.1	+6.1	4,551	4,082	3,892	4,378	36,478	36,675
381-4	Scientific and engineering instruments.....	2,504	2,443	2,571	2,375	+2.5	-5.0	+8.3	2,644	2,377	2,265	2,534	21,457	21,188
386	Photographic goods.....	1,579	1,469	1,540	1,510	+7.5	-4.6	+2.0	1,688	1,492	1,424	1,632	13,198	13,777
24,25, 39	All other durable goods.....	9,426	9,287	9,151	9,498	+1.5	+1.5	-3.7	10,284	9,829	8,553	9,866	80,154	68,757
	Nondurable goods industries.....	89,681	88,071	86,952	87,338	+1.8	+1.3	-0.4	93,207	88,713	81,842	90,025	763,676	744,547
	With unfilled orders.....	18,766	19,110	18,378	18,484	-1.8	+4.0	-0.6	19,738	19,332	17,027	18,820	162,702	151,958
20	Food and kindred products.....	24,823	24,131	23,964	24,217	+2.9	+0.7	-1.0	26,286	24,244	22,498	24,980	214,201	207,422
201	Meat products.....	5,366	5,498	5,529	5,762	-2.4	-0.6	-4.0	5,570	5,657	5,292	5,744	49,686	49,269
208	Beverages.....	3,635	3,706	3,679	3,504	-1.9	+0.7	+5.0	3,664	3,932	3,856	4,013	32,331	30,740
207	Fats and oils.....	1,518	1,420	1,334	1,438	+6.9	+6.4	-7.2	1,550	1,389	1,241	1,389	12,063	11,715
203-6,9	All other foods.....	10,998	10,297	10,241	10,333	+6.8	+0.5	-0.9	12,120	10,050	8,909	10,530	91,431	87,205
21	Tobacco products.....	1,825	1,441	1,347	1,763	+26.6	+7.0	-23.6	1,817	1,505	1,374	1,803	12,825	10,735
22	Textile mill products.....	4,573	4,560	4,476	4,395	+0.3	+1.9	+1.8	4,882	4,651	3,775	4,763	38,494	35,473
26	Paper and allied products.....	7,379	7,307	7,124	7,126	+1.0	+2.6	0.0	7,578	7,487	6,676	7,423	63,586	59,928
261-3,6	Pulp, paper etc.....	3,180	3,082	3,051	3,045	+3.0	+1.1	+0.2	3,191	3,103	2,848	3,187	26,931	25,527
265	Paperboard containers.....	1,604	1,606	1,607	1,591	-0.1	-0.1	+1.0	1,669	1,640	1,496	1,642	14,108	13,896
264	All other paper products.....	2,595	2,615	2,466	2,490	-0.8	+6.0	-1.0	2,718	2,744	2,332	2,594	22,547	20,505
28	Chemicals and allied products...	16,721	16,196	15,825	16,178	+3.2	+2.3	-2.2	16,992	15,591	14,330	17,010	140,515	132,531
281,6	Industrial chemicals, except pigments.....	5,409	5,143	5,151	5,186	+5.2	-0.2	-0.7	5,371	4,927	4,718	5,420	44,040	42,877
283,4	Drugs, soaps, and toiletries...	3,815	4,188	3,883	4,222	-8.9	+7.9	-8.0	4,479	4,079	3,530	4,438	36,610	36,759
29	Petroleum and coal products...	16,808	16,669	16,920	16,501	+0.8	-1.5	+2.5	16,836	16,723	16,610	16,789	142,452	155,785
30	Rubber and plastics products....	4,479	4,321	4,429	4,390	+3.7	-2.4	+0.9	4,637	4,438	4,118	4,614	38,503	38,454
23,27, 31	All other nondurable goods.....	13,073	13,446	12,867	12,768	-2.8	+4.5	+0.8	14,179	14,074	12,461	12,643	113,100	104,219
	Market categories:													
	Home goods and apparel.....	12,679	12,520	12,369	12,107	+1.3	+1.2	+2.2	14,209	13,581	11,369	12,411	106,894	98,569
	Consumer staples.....	32,780	32,419	31,680	32,713	+1.1	+2.3	-3.2	34,970	32,412	29,968	33,765	285,873	274,394
	Equipment and defense products, except automotive.....	25,877	24,569	24,993	25,424	+5.3	-1.7	-1.7	26,940	23,348	22,545	27,302	217,002	218,523
	Automotive equipment.....	15,349	16,579	14,635	14,783	-7.4	+13.3	-1.0	16,019	13,673	12,074	16,134	125,968	100,685
	Construction materials, supplies and intermediate products.....	14,006	13,407	13,198	13,552	+4.5	+1.6	-2.6	14,918	14,181	13,014	14,666	117,090	102,924
	Other materials, supplies, and intermediate products.....	78,196	76,495	75,723	75,341	+2.2	+1.0	+0.5	79,750	74,968	69,530	78,259	656,575	651,841
	Supplementary series: ²													
	Capital goods industries.....	29,285	28,007	28,253	28,953	+4.6	-0.9	-2.4	30,544	26,437	25,471	30,963	246,096	246,840
	Nondefense.....	23,886	22,565	22,570	23,616	+5.9	0.0	-4.4	24,922	21,261	20,266	25,381	198,731	205,840
	Defense.....	5,399	5,442	5,683	5,337	-0.8	-4.2	+6.5	5,622	5,176	5,205	5,582	47,365	41,000
	Household durable goods industries.....	5,575	5,470	5,461	5,534	+1.9	+0.2	-1.3	6,328	5,738	4,745	5,656	47,245	43,568

See footnotes at end of table 2.

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)															
SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted ¹						
		Monthly				Percent change			Monthly				Year to date		
		Sept. 1983 ^P	Aug. 1983 ^T	July 1983	June 1983	Aug.-Sept. ^P	July-Aug. ^T	June-July	Sept. 1983 ^P	Aug. 1983 ^T	July 1983	June 1983	1983 ^P	1982	
	All manufacturing industries	181,000	178,302	175,455	178,489	+1.5	+1.6	-1.7	188,299	172,883	160,105	183,816	1,527,904	1,423,614	
	Manufacturing industries with unfilled orders.....	93,694	91,844	91,188	93,500	+2.0	+0.7	-2.5	97,583	88,194	81,357	95,002	789,513	720,696	
	Durable goods industries.....	90,934	89,978	88,234	90,905	+1.1	+2.0	-2.9	94,770	83,883	77,987	93,788	762,235	679,950	
	With unfilled orders.....	74,543	72,481	72,541	74,770	+2.8	-0.1	-3.0	77,523	68,575	64,054	76,179	624,818	569,621	
32	Stone, clay, and glass products.....	4,342	4,285	3,994	4,233	+1.3	+7.3	-5.6	4,678	4,459	3,990	4,561	36,875	32,847	
33	Primary metals.....	10,979	11,006	10,407	10,113	-0.2	+5.8	+2.9	10,714	10,470	9,096	9,886	88,639	78,482	
331	Blast furnaces, steel mills...	4,844	4,727	4,342	3,925	+2.5	+8.9	+10.6	4,494	4,424	3,699	3,646	36,224	34,233	
333-9	Nonferrous and other primary metals.....	4,897	5,240	4,983	5,109	-6.5	+5.2	-2.5	5,018	5,033	4,427	5,136	43,503	37,017	
34	Fabricated metal products.....	10,722	10,341	9,885	10,133	+3.7	+4.6	-2.4	11,082	10,214	9,220	10,777	89,110	83,184	
35	Machinery, except electrical....	17,199	15,391	14,844	15,467	+11.7	+3.7	-4.0	17,324	13,940	13,269	16,648	130,442	123,428	
351	Engines and turbines.....	880	937	1,026	767	-6.1	-8.7	+33.8	914	927	841	713	8,148	8,592	
353	Construction, mining, and material handling equipment..	2,678	2,356	2,543	2,543	+13.7	-7.4	0.0	2,696	2,212	2,475	2,635	20,549	22,352	
354	Metalworking machinery.....	745	788	696	610	-5.5	+13.2	+14.1	740	763	626	681	5,782	5,432	
356	General industrial machinery..	1,317	1,228	1,202	1,079	+7.2	+2.2	+11.4	1,266	1,202	1,114	1,149	10,406	10,714	
357	Office and computing machines.	5,507	3,839	3,576	4,739	+43.4	+7.4	-24.5	5,501	3,049	3,013	5,258	34,147	26,697	
36	Electrical machinery.....	14,357	13,987	14,713	13,432	+2.6	-4.9	+9.5	14,809	13,741	12,976	13,863	120,790	110,157	
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	2,126	1,925	1,721	1,898	+10.4	+11.9	-9.3	2,124	1,871	1,507	1,974	16,173	15,811	
363	Household appliances.....	1,300	1,350	1,287	1,210	-3.7	+4.9	+6.4	1,385	1,395	1,246	1,326	11,431	9,181	
365	Radio and TV.....	632	654	974	682	-3.4	-32.9	+42.8	698	814	845	883	6,435	5,963	
366	Communication equipment.....	4,372	3,937	4,447	4,616	+11.0	-11.5	-3.7	4,605	3,745	3,702	4,330	37,782	38,092	
367	Electronic components.....	3,629	3,807	4,031	2,817	-4.7	-5.6	+43.1	3,531	3,655	3,705	3,065	29,788	23,600	
37	Transportation equipment.....	19,391	21,660	20,495	23,442	-10.5	+5.7	-12.6	21,550	17,108	16,492	23,387	177,282	146,431	
372,6	Aircraft, missiles, and parts.	5,568	5,448	5,043	8,512	+2.2	+8.0	-40.8	6,564	3,978	4,072	7,950	54,215	48,052	
3731,95	Shipbuilding and military tank vehicles.....	-7	306	1,680	1,180	-102.3	-81.8	+42.4	572	298	1,095	543	7,076	7,750	
38	Instruments and related products	4,357	4,120	4,487	4,340	+5.8	-8.2	+3.4	4,549	4,098	4,008	4,691	37,277	36,713	
24,25, 39	All other durable goods.....	9,587	9,188	9,409	9,745	+4.3	-2.3	-3.4	10,064	9,853	8,936	9,975	81,820	68,708	
	Nondurable goods industries.....	90,066	88,324	87,221	87,584	+2.0	+1.3	-0.4	93,529	89,000	82,118	90,028	765,669	743,664	
	With unfilled orders.....	19,151	19,363	18,647	18,730	-1.1	+3.8	-0.4	20,060	19,619	17,303	18,823	164,695	151,075	
	Market categories:														
	Home goods and apparel.....	12,591	12,592	12,516	12,144	0.0	+0.6	+3.1	13,802	13,778	11,706	12,462	108,293	98,463	
	Consumer staples.....	32,835	32,448	31,639	32,670	+1.2	+2.6	-3.2	35,068	32,450	29,985	33,727	285,937	274,439	
	Equipment and defense products, except automotive.....	27,096	24,251	24,998	27,995	+11.7	-3.0	-10.7	28,707	21,251	21,356	28,004	219,882	211,519	
	Automotive equipment.....	15,035	17,179	15,001	15,010	-12.5	+14.5	-0.1	15,764	14,233	12,537	16,258	126,965	99,327	
	Construction materials, supplies and intermediate products.....	13,941	13,569	13,029	13,616	+2.7	+4.1	-4.3	14,810	14,168	12,876	14,669	117,262	100,775	
	Other materials, supplies, and intermediate products.....	79,502	78,263	78,272	77,054	+1.6	0.0	+1.6	80,148	77,003	71,645	78,696	669,565	639,091	
	Supplementary series: ²														
	Capital goods industries.....	30,024	27,573	28,481	32,228	+8.9	-3.2	-11.6	32,059	24,491	24,355	31,888	250,744	236,614	
	Nondefense.....	25,205	23,028	21,580	24,289	+9.5	+6.7	-11.2	25,560	21,287	19,541	25,574	196,528	186,432	
	Defense.....	4,819	4,545	6,901	7,939	+6.0	-34.1	-13.1	6,499	3,204	4,814	6,314	54,216	50,182	
	Household durable goods industries.....	5,467	5,553	5,611	5,538	-1.5	-1.0	+1.3	5,912	5,971	5,065	5,688	48,569	43,560	

^PPreliminary. ^RRevised.¹Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are, as of the end of the period and are not adjusted for trading-day or calendar-month variations.²The supplementary series are regroupings of the separate industry categories: Household durable goods industries includes household furniture; kitchen articles and pottery; cutlery, hand tools, and hardware; household appliances, radio and TV, ophthalmic goods, watches, and clocks; and miscellaneous personal goods.

Nondefense capital goods include machinery, except electrical (excluding farm machinery and equipment and machine shops); electrical machinery (excluding household appliances, radio and TV, and electronic components); railroad equipment; and the nondefense portions of ordnance; communication equipment; aircraft and aircraft parts; and shipbuilding, converting and repairing.

Defense capital goods include ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding converting and repairing. The defense data are comparable to those published annually in the MA-175, Shipments to Federal Government Agencies.

Table 3. VALUE OF MANUFACTURERS' UNFULFILLED ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)														
SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted ¹					
		End of month				Percent change			End of month					
		Sept. 1983 ^P	Aug. 1983 ^T	July 1983	June 1983	Aug. Sept. ^P	July-Aug. ^T	June-July	Sept. 1983 ^P	Aug. 1983 ^T	July 1983	June 1983	Sept. 1982	
	All manufacturing industries..	322,776	320,664	318,348	315,488	+0.7	+0.7	+0.9	318,244	316,747	316,018	314,420	298,080	
	Durable goods industries.....	311,753	310,024	307,963	305,374	+0.6	+0.7	+0.8	307,274	306,099	305,658	304,334	289,196	
32	Stone, clay, and glass products...	2,037	2,034	1,990	1,982	+0.1	+2.2	+0.4	2,019	2,043	2,057	2,011	1,809	
33	Primary metals.....	25,648	24,788	23,830	23,410	+3.5	+4.0	+1.8	24,471	24,149	23,260	23,068	20,652	
331	Blast furnaces, steel mills.....	15,400	14,650	14,038	13,660	+5.1	+4.4	+2.8	14,553	14,181	13,617	13,442	12,079	
333-9	Nonferrous and other primary metals.....	7,778	7,812	7,405	7,394	-0.4	+5.5	+0.1	7,513	7,663	7,294	7,357	6,339	
34	Fabricated metal products.....	20,824	20,982	20,967	21,090	-0.8	+0.1	-0.6	20,804	21,018	21,193	21,190	24,078	
35	Machinery, except electrical.....	56,633	55,168	54,888	55,455	+2.7	+0.5	-1.0	55,671	54,684	54,965	55,547	58,351	
351	Engines and turbines.....	14,364	14,558	14,604	14,620	-1.3	-0.3	-0.1	14,244	14,441	14,430	14,480	16,189	
353	Construction, mining, and material handling equipment....	5,653	5,565	5,445	5,485	+1.6	+2.2	-0.7	5,551	5,492	5,445	5,452	6,593	
354	Metalworking machinery.....	2,344	2,354	2,277	2,226	-0.4	+3.4	+2.3	2,351	2,399	2,275	2,212	2,785	
356	General industrial machinery....	4,328	4,262	4,397	4,456	+1.5	-3.1	-1.3	4,298	4,304	4,424	4,456	5,199	
357	Office and computing machines...	19,909	18,424	18,418	18,854	+8.1	0.0	-2.3	19,372	18,258	18,897	19,306	17,674	
36	Electrical machinery.....	66,824	66,192	65,076	63,317	+1.0	+1.7	+2.8	66,501	66,192	64,928	63,510	57,518	
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	6,789	6,667	6,626	6,610	+1.8	+0.6	+0.2	6,757	6,719	6,661	6,640	6,777	
363	Household appliances.....	471	479	439	441	-1.7	+9.1	-0.5	488	525	484	473	318	
365	Radio and TV.....	527	621	642	480	-15.1	-3.3	+33.8	659	833	685	495	503	
366	Communication equipment.....	41,147	41,021	40,818	40,428	+0.3	+0.5	+1.0	40,760	40,494	40,302	40,259	36,398	
367	Electronic components.....	16,573	16,050	15,261	14,085	+3.3	+5.2	+8.3	16,491	16,227	15,490	14,367	12,260	
37	Transportation equipment.....	126,705	128,020	128,279	127,593	-1.0	-0.2	+0.5	124,757	124,739	126,019	126,273	114,881	
372,6	Aircraft, missiles, and parts...	97,044	97,203	97,612	98,181	-0.2	-0.4	-0.6	95,619	95,088	96,502	97,543	90,710	
3731,95	Shipbuilding and military tank vehicles.....	22,712	23,589	24,046	23,177	-3.7	-1.9	+3.7	22,291	22,584	23,011	22,729	18,543	
38	Instruments and related products..	7,808	7,728	7,722	7,573	+1.0	+0.1	+2.0	7,772	7,774	7,759	7,643	7,209	
24,25, 39	All other durable goods.....	5,274	5,112	5,211	4,954	+3.2	-1.9	+5.2	5,279	5,500	5,477	5,092	4,440	
	Nondurable goods industries.....	11,023	10,640	10,385	10,114	+3.6	+2.5	+2.7	10,970	10,648	10,360	10,086	8,884	
	Market categories:													
	Home goods and apparel.....	4,184	4,272	4,199	4,051	-2.1	+1.7	+3.7	4,402	4,810	4,612	4,274	3,592	
	Consumer staples.....	775	720	691	732	+7.6	+4.2	-5.6	829	731	694	677	803	
	Equipment and defense products, except automotive.....	189,114	187,894	188,212	188,209	+0.6	-0.2	0.0	185,929	184,156	186,248	187,439	178,461	
	Automotive equipment.....	6,452	6,765	6,166	5,800	-4.6	+9.7	+6.3	6,349	6,603	6,042	5,580	5,106	
	Construction materials, supplies and intermediate products.....	12,620	12,685	12,523	12,691	-0.5	+1.3	-1.3	12,621	12,730	12,742	12,879	14,576	
	Other materials, supplies, and intermediate products.....	109,631	108,328	106,557	104,005	+1.2	+1.7	+2.5	108,114	107,717	105,680	103,571	95,542	
	Supplementary series: ²													
	Capital goods industries.....	227,585	226,847	227,281	227,053	+0.3	-0.2	+0.1	224,370	222,851	224,791	225,912	213,894	
	Nondefense.....	121,198	119,880	119,416	120,405	+1.1	+0.4	-0.8	120,081	119,442	119,411	120,141	126,010	
	Defense.....	106,387	106,967	107,865	106,648	-0.5	-0.8	+1.1	104,289	103,409	105,380	105,771	87,884	
	Household durable goods industries.....	3,702	3,809	3,726	3,575	-2.8	+2.2	+4.2	3,918	4,335	4,102	3,781	3,178	

See footnotes at end of table 2.

Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

SIC Code	Industry	(Millions of dollars)							Not seasonally adjusted ¹				
		Seasonally adjusted							End of month				
		End of month				Percent change			End of month				
		Sept. 1983 ^p	Aug. 1983 ^f	July 1983	June 1983	Aug.- Sept. ^p	July- Aug. ^r	June- July	Sept. 1983 ^p	Aug. 1983 ^f	July 1983	June 1983	Sept. 1982
	All manufacturing industries..	260,944	259,834	258,176	257,390	+0.4	+0.6	+0.3	258,367	258,561	257,422	257,931	269,207
	Manufacturing industries with unfilled orders.....	177,999	176,848	175,846	176,144	+0.7	+0.6	-0.2	176,331	176,830	176,562	177,543	185,275
	Durable goods industries.....	171,276	170,576	169,693	169,840	+0.4	+0.5	-0.1	169,739	170,219	169,590	170,623	178,831
	With unfilled orders.....	156,869	155,914	155,127	155,658	+0.6	+0.5	-0.3	155,572	155,708	155,374	156,431	164,492
32	Stone, clay, and glass products...	5,723	5,714	5,725	5,694	+0.2	-0.2	+0.5	5,533	5,648	5,757	5,797	5,874
322	Glass containers.....	606	603	614	630	+0.5	-1.8	-2.5	596	612	630	638	644
33	Primary metals.....	19,906	20,010	20,105	20,302	-0.5	-0.5	-1.0	19,593	19,868	20,047	20,152	22,921
331	Blast furnaces, steel mills.....	9,483	9,560	9,771	9,808	-0.8	-2.2	-0.4	9,426	9,579	9,751	9,681	11,776
333-9	Nonferrous and other primary metals.....	9,217	9,251	9,172	9,323	-0.4	+0.9	-1.6	8,995	9,122	9,153	9,295	9,931
34	Fabricated metal products.....	17,607	17,783	17,603	17,418	-1.0	+1.0	+1.1	17,238	17,638	17,672	17,710	18,693
341	Metal cans, barrels, and drums..	1,779	2,069	2,105	1,954	-14.0	-1.7	+7.7	1,528	1,972	2,212	2,173	1,765
35	Machinery, except electrical.....	37,935	37,316	37,310	37,842	+1.7	0.0	-1.4	37,611	37,133	37,340	38,056	41,582
351	Engines and turbines.....	2,103	2,145	2,193	2,155	-2.0	-2.2	+1.8	2,065	2,108	2,146	2,155	2,464
352	Farm machinery and equipment...	2,077	1,951	1,902	1,953	+6.5	+2.6	-2.6	2,002	1,918	1,885	1,998	2,323
353	Construction, mining, and material handling equipment....	7,420	7,513	7,466	7,782	-1.2	+0.6	-4.1	7,272	7,438	7,489	7,852	9,657
354	Metalworking machinery.....	2,242	2,278	2,311	2,292	-1.6	-1.4	+0.8	2,219	2,282	2,323	2,301	2,509
356	General industrial machinery...	3,687	3,685	3,741	3,823	+0.1	-1.5	-2.1	3,654	3,659	3,749	3,857	4,011
357	Office and computing machines...	10,672	9,922	9,896	9,871	+7.6	+0.3	+0.3	10,725	10,011	9,995	9,881	9,747
36	Electrical machinery.....	27,259	27,098	26,791	26,711	+0.6	+1.1	+0.3	27,038	27,136	26,922	27,094	26,880
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	4,040	4,002	3,966	3,977	+0.9	+0.9	-0.3	4,013	3,990	3,975	4,015	4,266
363	Household appliances.....	1,831	1,804	1,794	1,925	+1.5	+0.6	-6.8	1,738	1,773	1,821	2,019	1,755
365	Radio and TV.....	1,019	1,007	944	981	+1.2	+6.7	-3.8	1,009	1,054	989	1,009	1,250
366	Communication equipment.....	10,855	10,761	10,677	10,449	+0.9	+0.8	+2.2	10,781	10,747	10,658	10,461	10,046
367	Electronic components.....	5,482	5,546	5,438	5,381	-1.2	+2.0	+1.1	5,465	5,551	5,487	5,472	5,496
37	Transportation equipment.....	39,728	39,594	39,334	39,267	+0.3	+0.7	+0.2	39,696	39,712	38,971	38,943	39,371
371	Motor vehicles and parts.....	8,561	8,537	8,594	8,375	+0.3	-0.7	+2.6	8,712	8,633	8,081	8,092	8,461
372,6	Aircraft, missiles, and parts...	28,264	28,027	27,737	27,928	+0.8	+1.0	-0.7	28,106	28,107	27,964	27,928	27,793
3731,95	Shipbuilding and military tank vehicles.....	1,443	1,552	1,582	1,573	-7.0	-1.9	+0.6	1,449	1,553	1,589	1,592	1,568
38	Instruments and related products..	8,963	8,982	8,873	8,840	-0.2	+1.2	+0.4	8,897	8,980	8,942	9,039	9,495
381-4	Scientific and engineering instruments.....	6,396	6,423	6,369	6,360	-0.4	+0.8	+0.1	6,345	6,397	6,407	6,488	6,571
386	Photographic goods.....	2,055	2,027	1,965	1,952	+1.4	+3.2	+0.7	2,043	2,057	1,995	2,014	2,340
24,25, 39	All other durable goods.....	14,155	14,079	13,952	13,766	+0.5	+0.9	+1.4	14,133	14,104	13,939	13,832	14,015
	Nondurable goods industries.....	89,668	89,258	88,483	87,550	+0.5	+0.9	+1.1	88,628	88,342	87,832	87,308	90,376
	With unfilled orders.....	21,130	20,934	20,719	20,486	+0.9	+1.0	+1.1	20,759	21,122	21,188	21,112	20,783
20	Food and kindred products.....	21,209	21,081	20,325	20,201	+0.6	+3.7	+0.6	21,223	20,490	19,437	19,136	21,148
201	Meat products.....	1,957	1,945	1,974	1,970	+0.6	-1.5	+0.2	1,889	1,854	1,909	1,966	1,966
208	Beverages.....	3,291	3,536	3,600	3,687	-6.9	-1.8	-2.4	3,239	3,345	3,445	3,609	3,477
207	Fats and oils.....	2,269	1,714	1,308	1,187	+32.4	+31.0	+10.2	1,733	1,363	1,133	1,099	970
203-6,9	All other foods.....	11,999	12,199	11,700	11,636	-1.6	+4.3	+0.6	12,671	12,199	11,162	10,705	13,062
21	Tobacco products.....	4,617	4,641	5,030	4,708	-0.5	-7.7	+6.8	4,539	4,316	4,477	4,416	4,417
22	Textile mill products.....	6,871	6,706	6,605	6,478	+2.5	+1.5	+2.0	6,645	6,631	6,600	6,561	6,111
26	Paper and allied products.....	8,510	8,391	8,334	8,326	+1.4	+0.7	+0.1	8,308	8,377	8,430	8,545	8,454
261-3,6	Pulp, paper etc.....	3,215	3,211	3,242	3,272	+0.1	-1.0	-0.9	3,159	3,220	3,238	3,315	3,332
265	Paperboard containers.....	2,203	2,198	2,167	2,152	+0.2	+1.4	+0.7	2,166	2,205	2,230	2,238	2,224
264	All other paper products.....	3,092	2,982	2,925	2,902	+3.7	+1.9	+0.8	2,983	2,952	2,962	2,992	2,898
28	Chemicals and allied products.....	19,643	19,803	19,509	19,253	-0.8	+1.5	+1.3	19,104	19,512	19,429	19,176	20,058
281,6	Industrial chemicals, except pigments.....	5,929	5,885	5,764	5,789	+0.7	+2.1	-0.4	5,751	5,821	5,805	5,794	6,482
283,4	Drugs, soaps, and toiletries.....	6,361	6,290	6,228	6,150	+1.1	+1.0	+1.3	6,221	6,290	6,277	6,292	6,231
29	Petroleum and coal products.....	8,605	8,330	8,487	8,505	+3.3	-1.8	-0.2	8,760	8,484	8,595	8,493	9,501
30	Rubber and plastics products.....	5,669	5,700	5,722	5,734	-0.5	-0.4	-0.2	5,519	5,549	5,691	5,790	5,762
23,27, 31	All other nondurable goods.....	14,544	14,606	14,471	14,345	-0.4	+0.9	+0.9	14,530	14,983	15,173	15,191	14,925
	Market categories:												
	Home goods and apparel.....	20,475	20,334	20,229	20,226	+0.7	+0.5	0.0	20,236	20,588	20,797	21,149	20,694
	Consumer staples.....	32,837	33,284	33,237	32,812	-1.3	+0.1	+1.3	33,181	32,780	32,099	31,782	34,009
	Equipment and defense products, except automotive.....	73,969	73,223	72,899	73,193	+1.0	+0.4	-0.4	73,336	73,025	73,069	73,523	76,644
	Automotive equipment.....	10,629	10,664	10,635	10,426	-0.3	+0.3	+2.0	10,719	10,653	10,027	10,101	10,487
	Construction materials, supplies and intermediate products.....	19,378	19,208	19,018	18,777	+0.9	+1.0	+1.3	19,046	18,993	18,951	18,961	19,230
	Other materials, supplies, and intermediate products.....	103,656	103,121	102,158	101,956	+0.5	+0.9	+0.2	101,849	102,522	102,479	102,415	108,143
	Supplementary series: ²												
	Capital goods industries.....	83,901	83,091	82,781	83,256	+1.0	+0.4	-0.6	83,324	83,017	83,067	83,650	86,521
	Nondefense.....	66,484	65,286	65,433	65,945	+1.8	-0.2	-0.8	66,045	65,148	65,464	66,088	71,595
	Defense.....	17,417	17,805	17,348	17,311	-2.2	+2.6	+0.2	17,279	17,869	17,603	17,562	14,926
	Household durable goods industries.....	9,915	9,806	9,774	9,862	+1.1	+0.3	-0.9	9,776	9,936	9,932	10,130	10,273

See footnotes at end of table 2.

Table 5. VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION, BY INDUSTRY GROUP

(Millions of dollars)													
SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted ¹				
		End of month				Percent change			End of month				
		Sept. 1983 ^P	Aug. 1983 ^F	July 1983	June 1983	Aug.- Sept. ^P	July- Aug. ^F	June- July	Sept. 1983 ^P	Aug. 1983 ^F	July 1983	June 1983	Sept. 1982
MATERIALS AND SUPPLIES													
	All manufacturing industries..	87,282	86,663	85,168	85,322	+0.7	+1.8	-0.2	86,056	85,773	84,906	85,019	89,031
	Durable goods industries.....	51,074	50,849	50,137	50,333	+0.4	+1.4	-0.4	50,833	50,822	50,241	50,238	54,114
32	Stone, clay, and glass products...	1,933	1,948	1,901	1,911	-0.8	+2.5	-0.5	1,914	1,928	1,915	1,917	2,058
33	Primary metals.....	6,585	6,715	6,808	6,944	-1.9	-1.4	-2.0	6,579	6,671	6,747	6,816	8,402
34	Fabricated metal products.....	6,826	6,928	6,708	6,657	-1.5	+3.3	+0.8	6,778	6,891	6,781	6,676	7,099
35	Machinery, except electrical.....	10,771	10,511	10,597	10,769	+2.5	-0.8	-1.6	10,610	10,473	10,645	10,793	11,504
36	Electrical Machinery.....	7,421	7,362	7,161	7,283	+0.8	+2.8	-1.7	7,389	7,431	7,326	7,372	7,518
37	Transportation equipment.....	9,768	9,681	9,445	9,281	+0.9	+2.5	+1.8	9,699	9,686	9,291	9,271	9,251
38	Instruments and related products..	2,559	2,522	2,476	2,489	+1.5	+1.9	-0.5	2,549	2,509	2,486	2,521	2,999
24,25, 39	All other durable goods.....	5,211	5,182	5,041	4,999	+0.6	+2.8	+0.8	5,315	5,233	5,050	4,872	5,283
	Nondurable goods industries.....	36,208	35,814	35,031	34,989	+1.1	+2.2	+0.1	35,223	34,951	34,665	34,781	34,917
20	Food and kindred products.....	8,522	7,960	7,468	7,530	+7.1	+6.6	-0.8	7,948	7,489	7,236	7,269	7,027
21	Tobacco products.....	4,070	4,094	4,338	4,172	-0.6	-5.6	+4.0	3,938	3,822	3,895	3,926	3,895
22	Textile mill products.....	2,179	2,122	2,076	1,941	+2.7	+2.2	+7.0	2,041	2,062	2,085	2,002	1,814
26	Paper and allied products.....	4,226	4,194	4,082	4,157	+0.8	+2.7	-1.8	4,232	4,218	4,166	4,201	4,233
28	Chemicals and allied products.....	7,464	7,488	7,302	7,265	-0.3	+2.5	+0.5	7,354	7,411	7,335	7,225	7,819
29	Petroleum and coal products.....	2,168	2,265	2,288	2,477	-4.3	-1.0	-7.6	2,133	2,236	2,294	2,519	2,407
30	Rubber and plastics products.....	1,996	2,020	2,032	2,050	-1.2	-0.6	-0.9	1,981	1,977	2,065	2,077	1,959
23,27, 31	All other nondurable goods.....	5,583	5,671	5,445	5,397	-1.6	+4.2	+0.9	5,596	5,736	5,589	5,562	6,008
WORK IN PROCESS													
	All manufacturing industries..	91,247	90,556	90,522	90,134	+0.8	0.0	+0.4	91,130	90,956	90,350	89,982	93,630
	Durable goods industries.....	76,824	76,116	76,081	75,928	+0.9	0.0	+0.2	76,653	76,455	75,909	75,830	78,567
32	Stone, clay, and glass products...	798	785	786	843	+1.7	-0.1	-6.8	768	771	783	874	898
33	Primary metals.....	7,406	7,293	7,350	7,202	+1.5	-0.8	+2.1	7,365	7,415	7,430	7,207	8,349
34	Fabricated metal products.....	6,283	6,175	6,098	6,058	+1.7	+1.3	+0.7	6,169	6,167	6,160	6,190	6,491
35	Machinery, except electrical.....	15,414	15,074	15,195	15,473	+2.3	-0.8	-1.8	15,368	15,065	15,021	15,336	17,022
36	Electrical Machinery.....	14,340	14,259	14,301	13,985	+0.5	-0.3	+2.3	14,279	14,308	14,288	14,087	13,426
37	Transportation equipment.....	25,215	25,227	25,070	25,117	0.0	+0.6	-0.2	25,338	25,366	24,915	24,813	25,086
38	Instruments and related products..	3,974	3,989	3,970	4,027	-0.4	+0.5	-1.4	3,944	4,008	3,993	4,083	4,028
24,25, 39	All other durable goods.....	3,394	3,314	3,311	3,223	+2.4	+0.1	+2.7	3,422	3,355	3,319	3,240	3,267
	Nondurable goods industries.....	14,423	14,440	14,441	14,206	-0.1	0.0	+1.7	14,477	14,501	14,441	14,152	15,063
20	Food and kindred products.....	1,694	1,815	1,735	1,710	-6.7	+4.6	+1.5	1,673	1,724	1,679	1,702	1,831
21	Tobacco products.....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
22	Textile mill products.....	2,192	2,112	2,090	2,098	+3.8	+1.1	-0.4	2,175	2,112	2,070	2,060	2,008
26	Paper and allied products.....	1,053	1,050	1,092	1,038	+0.3	-3.8	+5.2	1,059	1,069	1,092	1,070	1,095
28	Chemicals and allied products.....	3,360	3,338	3,331	3,267	+0.7	+0.2	+2.0	3,334	3,324	3,319	3,262	3,396
29	Petroleum and coal products.....	1,730	1,777	1,747	1,820	-2.6	+1.7	-4.0	1,705	1,793	1,783	1,823	2,180
30	Rubber and plastics products.....	1,009	1,009	1,000	970	0.0	+0.9	+3.1	1,012	998	988	948	1,158
23,27, 31	All other nondurable goods.....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
FINISHED GOODS													
	All manufacturing industries..	82,415	82,615	82,486	81,934	-0.2	+0.2	+0.7	81,181	81,832	82,166	82,930	86,546
	Durable goods industries.....	43,378	43,611	43,475	43,579	-0.5	+0.3	-0.2	42,253	42,942	43,440	44,555	46,150
32	Stone, clay, and glass products...	2,992	2,981	3,038	2,940	+0.4	-1.9	+3.3	2,851	2,949	3,059	3,006	2,918
33	Primary metals.....	5,915	6,002	5,947	6,156	-1.4	+0.9	-3.4	5,649	5,782	5,870	6,129	6,170
34	Fabricated metal products.....	4,498	4,680	4,797	4,703	-3.9	-2.4	+2.0	4,291	4,580	4,731	4,844	5,103
35	Machinery, except electrical.....	11,750	11,731	11,518	11,600	+0.2	+1.8	-0.7	11,633	11,595	11,674	11,927	13,056
36	Electrical Machinery.....	5,498	5,477	5,329	5,443	+0.4	+2.8	-2.1	5,370	5,397	5,308	5,635	5,936
37	Transportation equipment.....	4,745	4,686	4,819	4,869	+1.3	-2.8	-1.0	4,659	4,660	4,765	4,859	5,034
38	Instruments and related products..	2,430	2,471	2,427	2,324	-1.7	+1.8	+4.4	2,404	2,463	2,463	2,435	2,468
24,25, 39	All other durable goods.....	5,550	5,583	5,600	5,544	-0.6	-0.3	+1.0	5,396	5,516	5,570	5,720	5,465
	Nondurable goods industries.....	39,037	39,004	39,011	38,355	+0.1	0.0	+1.7	38,928	38,890	38,726	38,375	40,396
20	Food and kindred products.....	10,993	11,306	11,122	10,961	-2.8	+1.7	+1.5	11,602	11,277	10,522	10,165	12,290
21	Tobacco products.....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
22	Textile mill products.....	2,500	2,472	2,439	2,439	+1.1	+1.4	0.0	2,429	2,457	2,445	2,499	2,289
26	Paper and allied products.....	3,231	3,147	3,160	3,131	+2.7	-0.4	+0.9	3,017	3,090	3,172	3,274	3,126
28	Chemicals and allied products.....	8,819	8,977	8,876	8,721	-1.8	+1.1	+1.8	8,416	8,777	8,775	8,689	8,843
29	Petroleum and coal products.....	4,707	4,288	4,452	4,208	+9.8	-3.7	+5.8	4,922	4,455	4,518	4,151	4,914
30	Rubber and plastics products.....	2,664	2,671	2,690	2,714	-0.3	-0.7	-0.9	2,526	2,574	2,638	2,765	2,645
23,27, 31	All other nondurable goods.....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)

^PPreliminary. ^RRevised. (S) Suppressed because data do not meet Census Bureau publication standards.

Table 6. RATIO OF MANUFACTURERS' INVENTORIES TO SHIPMENTS AND UNFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP

(Based on seasonally adjusted data)

SIC Code	Industry	Inventory/shipments ratio				Unfilled orders/shipments ratio ¹			
		Sept. 1983 ^P	Aug. 1983 ^F	July 1983	June 1983	Sept. 1983 ^P	Aug. 1983 ^F	July 1983	June 1983
	All manufacturing industries.....	1.46	1.48	1.50	1.48	3.52	3.58	3.60	3.55
	Durable goods industries.....	1.92	1.94	1.98	1.96	4.28	4.40	4.40	4.33
32	Stone, clay, and glass products.....	1.32	1.35	1.44	1.37	0.52	0.53	0.56	0.53
33	Primary metals.....	1.97	1.99	2.01	2.08	2.53	2.47	2.39	2.40
34	Fabricated metal products.....	1.62	1.72	1.76	1.73	2.10	2.25	2.31	2.31
35	Machinery, except electrical.....	2.41	2.47	2.42	2.49	3.82	3.87	3.77	3.87
36	Electrical machinery.....	1.99	2.11	2.07	2.02	4.87	5.14	5.02	4.80
37	Transportation equipment.....	1.92	1.81	1.99	1.90	11.28	11.31	11.62	10.94
38	Instruments and related products.....	2.10	2.18	2.05	2.16	1.83	1.88	1.78	1.85
	Nondurable goods industries.....	1.00	1.01	1.02	1.00	0.59	0.56	0.57	0.55
20	Food and kindred products.....	0.85	0.87	0.85	0.83	(X)	(X)	(X)	(X)
21	Tobacco products.....	2.53	3.22	3.73	2.67	(X)	(X)	(X)	(X)
22	Textile mill products.....	1.50	1.47	1.48	1.47	1.39	1.38	1.36	1.31
26	Paper and allied products.....	1.15	1.15	1.17	1.17	0.47	0.45	0.46	0.44
28	Chemicals and allied products.....	1.17	1.22	1.23	1.19	(X)	(X)	(X)	(X)
29	Petroleum and coal products.....	0.51	0.50	0.50	0.52	(X)	(X)	(X)	(X)
30	Rubber and plastics products.....	1.27	1.32	1.29	1.31	(X)	(X)	(X)	(X)

^P Preliminary. ^F Revised. (X) Not applicable. (NA) Not available.¹ Excludes the following industries with no unfilled orders: Wood and lumber products; glass containers; metal cans, barrels, and drums; farm machinery and equipment; motor vehicle assembly operations; other transportation equipment; foods and related products; tobacco; apparel and related products; building paper; die-cut paper and board; chemicals; petroleum and coal products; and rubber and plastics products, n.e.c.

Table 7. AVERAGE REVISIONS TO PREVIOUSLY PUBLISHED MONTHLY PERCENT CHANGES

(Based on seasonally adjusted data)

SIC Code	Industry	Shipments			New orders			Unfilled orders			Inventories		
		Year ago Sept. 1982	All Septs. 1978-1982	Sept. 1982-Aug. 1983	Year ago Sept. 1982	All Septs. 1978-1982	Sept. 1982-Aug. 1983	Year ago Sept. 1982	All Septs. 1978-1982	Sept. 1982-Aug. 1983	Year ago Sept. 1982	All Septs. 1978-1982	Sept. 1982-Aug. 1983
	All manufacturing industries.	0.4	0.3	0.3	0.5	0.5	0.4	0.0	0.2	0.2	0.1	0.2	0.1
	Durable goods industries	0.5	0.2	0.4	0.5	0.5	0.7	0.0	0.2	0.2	0.0	0.5	0.1
32	Stone, clay, and glass products..	2.3	1.0	1.1	1.1	1.2	1.5	2.6	1.4	1.6	0.7	0.4	0.8
33	Primary metals	0.6	0.4	0.9	0.7	0.8	1.4	0.1	0.2	0.4	0.0	0.1	0.3
34	Fabricated metal products	0.6	0.5	1.1	1.7	1.5	2.0	0.9	0.4	0.5	0.2	0.2	0.3
35	Machinery, except electrical	0.7	1.2	0.9	0.8	2.4	1.9	0.0	0.3	0.4	0.2	0.3	0.2
36	Electrical machinery	0.3	0.3	0.7	0.5	0.8	1.5	0.1	0.2	0.2	0.1	0.1	0.2
37	Transportation equipment	0.8	0.5	1.0	2.5	2.3	1.4	0.2	0.3	0.2	0.1	0.2	0.2
38	Instruments and related products.	0.9	0.6	0.9	0.3	0.7	1.3	0.7	0.5	0.7	0.5	0.3	0.5
	Nondurable goods industries	0.5	0.5	0.4	0.3	0.6	0.4	0.3	0.7	0.5	0.4	0.4	0.3
20	Food and kindred products	0.7	0.9	0.6	(X)	(X)	(X)	(X)	(X)	(X)	0.9	0.9	0.7
21	Tobacco products	0.0	0.5	0.5	(X)	(X)	(X)	(X)	(X)	(X)	0.0	0.2	0.1
22	Textile mill products	2.2	1.0	1.4	0.6	1.8	1.3	1.7	1.3	1.0	0.4	0.7	0.6
26	Paper and allied products	2.5	1.8	1.1	3.3	4.2	1.8	1.6	2.2	1.8	0.5	0.8	0.5
28	Chemicals and allied products ...	0.3	1.0	1.2	(X)	(X)	(X)	(X)	(X)	(X)	0.5	0.3	0.4
29	Petroleum and coal products	0.4	0.7	0.8	(X)	(X)	(X)	(X)	(X)	(X)	1.8	0.8	0.9
30	Rubber and plastics products	3.7	1.2	1.4	(X)	(X)	(X)	(X)	(X)	(X)	2.8	1.2	1.1
	Capital Goods Industries:												
	Nondefense.....	0.8	0.6	1.0	2.6	1.4	1.9	3.4	0.9	0.5	0.1	0.3	0.1
	Defense.....	0.8	1.4	0.9	1.8	6.2	4.0	0.1	0.4	0.4	0.5	0.6	0.5

(X) Not Applicable

Note: The revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the differences, without regard to sign, for the months specified. The advance to final percent change differences for the durable goods industries are shown in the advance report for the month.

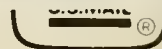
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